

INTERNATIONAL SEARCH REPORT

Internat... plication No

PCT/NL2004/000860

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H01Q23/00 H01Q9/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 978 729 A (HITACHI, LTD) 9 February 2000 (2000-02-09) paragraphs '0019!, '0023!; figures 1,5 -----	1-9
X	US 5 483 678 A (ABE ET AL) 9 January 1996 (1996-01-09) column 2, line 62 - column 3, line 9; figures 5,6 ----- -/-	1-9

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

Date of mailing of the international search report

5 April 2005

14/04/2005

Name and mailing address of the ISA

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Internat	Application No
PCT/NL2004/000860	

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SEKI T ET AL: "A three-dimensional active antenna for a high-speed wireless communication application" MICROWAVE SYMPOSIUM DIGEST, 1997., IEEE MTT-S INTERNATIONAL DENVER, CO, USA 8-13 JUNE 1997, NEW YORK, NY, USA, IEEE, US, 8 June 1997 (1997-06-08), pages 975-978, XP010228545 ISBN: 0-7803-3814-6 the whole document -----	1-9
A	US 5 903 239 A (TAKAHASHI KAZUAKI ET AL) 11 May 1999 (1999-05-11) cited in the application the whole document -----	1-9
A	US 6 320 543 B1 (MARUHASHI KENICHI ET AL) 20 November 2001 (2001-11-20) the whole document -----	1-9

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Internal Application No
PCT/NL2004/000860

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			JP	2000209026 A		28-07-2000
			EP	0978729 A2		09-02-2000
			US	6249242 B1		19-06-2001
US 5483678	A	09-01-1996		NONE		
US 5903239	A	11-05-1999	JP	3141692 B2		05-03-2001
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